



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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For the week ending August 11, 2013

WET CONDITIONS PERSIST, HIGHER THAN AVERAGE YIELDS EXPECTED

Rain continued this past week, with only 3 days suitable for field work across the state. The down side of the persistent rainfall is the farmers' inability to stay ahead of weed and insect problems. On a positive note, there are excellent chances of harvesting an exceptional crop this fall. Crops continue to be rated in good-to-excellent condition. Corn has been forecast to reach 146 bushels per acre, only two bushels shy of the record of 148 set in 2009. Despite concerns over having sufficient heat, the average cotton yield is forecast to reach a record 979 pounds of lint per acre.

Topsoil moisture levels were rated 1 percent short, 65 percent adequate and 34 percent surplus. Subsoil moisture levels were rated 2 percent short, 74 percent adequate and 24 percent surplus. Temperatures averaged near normal this past week across most of the state, with slightly below normal temperatures over the Cumberland Plateau. Rainfall averaged above normal for the entire state.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2012	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn - Dough or Beyond	84	74	97	90	Corn	0	2	11	54	33
Corn - Dent or Beyond	48	32	81	63	Cotton	1	4	25	52	18
Corn Silage - Harvested	16	10	70	39	Pasture	0	3	14	63	20
Cotton - Squaring	91	88	100	100	Soybeans	0	5	12	56	27
Cotton - Setting Bolls	69	49	88	92	Tobacco	5	8	25	48	14
Soybeans - Blooming	67	56	94	90						
Soybeans - Setting Pods	45	31	79	71						
Tobacco - Topped	59	50	73	62						

County Agent Comments

All crops are progressing well. The corn crop is looking good, beans are progressing well, and cotton is doing okay but could use some warm, sunny days. Who would ever expect to see water standing in some row middles in early August! Just proves every year is different and hard to predict.

Tim Campbell, Dyer County

Of course, this is ideal weather for soybeans and corn but for cotton, it's not so good. We are just not getting the upper temperatures needed for optimal cotton growth, and the excess moisture, combined with nitrogen, can cause excessive vegetative growth. Cattle are in great condition, and this weather is ideal for pastures.

JC Dupree, Lauderdale County

The crops are shaping up to produce a bountiful harvest. Plant bugs are continuing to be a problem in cotton. Producers are constantly spraying for pigweeds as the showers continue to produce flushes of the weed.

Walter Battle, Haywood County

It rained just about every day this week. Plant bugs and stink bugs are our number 1 pest this week, but it's been too wet to spray. Corn is starting to change color to the yellow green and starting to dry down. We just need a little sunshine.

Jake Mallard, Madison County

It has been a very unusual week in August. Rainfall has occurred every day this week with high temperatures hitting the mid-90's only once. Corn is maturing slowly and July planted soybeans are struggling to grow due to wet soil conditions and cloudy days.

Jeff Lannom, Weakley County

Continuous rainfall has greatly hampered field work for dark tobacco and hay harvesting. Saturated soils and flooding have caused damage to some of the double crop soybeans planted in river bottoms. Overall, the majority of the crops are in good-to-excellent condition.

Ronnie Barron, Cheatham County

Weather flecking injury has been widespread on tobacco. Many farms are trying to cut hay again, but frequent showers this week have delayed progress.

Paul Hart Robertson County

Scattered to isolated showers and thunderstorms throughout the week produced from 1.0 to 3.5 inches of rain depending on location. Soybean producers continue to apply herbicides and fungicides between rain events. Early planted corn is beginning to turn and show signs of maturing. Almost daily showers have prevented second cuttings of hay.

Ed Burns, Franklin County

Several thunderstorms brought between two and four inches of rain to much of the county, second-cutting hay progress was slowed as a result. Late-planted soybeans are taking advantage of the rains and making a good start.

John Wilson, Blount County

TEMPERATURES AND PRECIPITATION
For week ending: August 11, 2013 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending August 11, 2013				Current Week 08/11/13	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	94	69	80	3	0.24	3	41.80	8.40	22.95	3.32
Brownsville_TN	93	69	80	0	0.38	2	44.73	11.29	28.08	8.44
Covington	90	69	78	-2	1.19	3	46.64	13.85	30.19	11.08
Dyersburg	91	70	79	-2	0.94	5	44.98	13.18	30.19	11.21
Huntingdon_Wate	91	68	79	2	0.36	3	54.12	20.82	34.81	15.27
Jackson_Exp_Stn	94	68	79	1	0.58	3	47.59	14.36	29.76	9.81
Lexington_TN	92	67	78	-1	2.10	2	45.62	13.19	28.02	8.78
Martin	88	67	77	-2	1.71	6	46.58	12.97	30.58	10.21
Memphis_AG	96	70	82	0	1.18	3	48.27	15.77	30.04	11.03
Milan	92	67	79	2	0.59	4	50.11	15.93	33.17	12.61
Paris	89	66	76	-2	1.11	5	48.10	15.32	31.84	12.57
Savannah_6SW	94	66	79	-1	1.56	4	38.78	2.54	22.71	1.93
Selmer	97	67	81	4	0.38	1	36.72	0.84	18.42	-2.22
Union_City	88	67	77	-1	2.01	6	38.62	5.94	24.84	5.34
Middle										
Clarksville_Sew	93	65	79	2	1.10	5	40.60	8.72	24.05	5.82
Cookeville	86	58	74	-3	3.70	4	43.73	7.50	29.29	8.09
Crossville_AP	85	58	74	1	2.07	4	45.30	9.53	30.31	9.56
Dickson_AG	89	64	77	-2	3.81	4	41.71	7.55	25.59	5.44
Dover_1W	88	65	76	-2	1.82	4	51.69	18.54	33.41	14.16
Fayetteville_TN	89	65	78	2	2.86	6	47.45	12.95	31.21	11.99
Jamestown	85	56	73	-2	1.60	4	44.20	9.35	29.14	8.13
Kingston_Spring	91	64	76	-1	3.54	5	35.95	3.35	22.22	3.59
Lewisburg	88	63	76	-2	0.94	6	42.08	6.81	28.21	7.52
Livingston_WLIV	87	59	74	-2	3.37	4	46.43	12.71	30.11	9.91
Lobelville	90	65	77	1	1.00	5	41.65	6.15	23.42	2.91
Murfreesboro_5N	89	61	75	-3	0.80	4	42.00	8.29	26.97	7.04
Nashville_Metro	91	64	78	-2	1.23	4	36.84	6.56	22.96	4.92
Oneida	86	58	74	2	1.90	4	41.63	6.57	27.17	5.98
Portland_TN	88	62	76	-2	2.04	6	40.98	8.02	26.65	6.99
Pulaski_Water_P	88	64	76	-4	1.98	6	44.69	9.74	27.44	7.88
Shelbyville	90	66	77	-2	3.77	6	45.47	10.24	31.65	11.30
Sparta_TN	90	58	76	0	0.31	3	42.02	6.79	26.56	5.90
Springfield	89	60	75	-2	2.86	6	46.56	14.83	32.33	13.47
Springhill	89	60	76	-2	1.17	5	36.89	1.63	22.77	2.12
Tullahoma	89	64	77	0	1.80	6	50.36	14.03	36.44	16.08
Waynesboro_TN	89	65	77	1	0.88	5	37.33	0.23	21.05	-0.28
East										
Chattanooga/Lov	90	66	80	2	1.26	4	49.01	14.92	30.98	12.62
Cleveland_6NNE	87	63	76	-1	1.45	5	44.12	9.08	26.82	7.34
Dayton	89	60	76	-2	2.78	5	52.41	16.79	35.68	16.08
Erwin_1W	85	61	74	3	1.19	3	40.64	8.49	25.89	5.25
Gatlinburg_2SW	83	58	72	-2	1.21	4	54.51	17.66	33.20	10.29
Greeneville	89	61	76	2	0.35	3	46.41	18.35	29.58	12.21
Kingston_AG	89	61	77	2	1.20	3	46.16	8.63	28.80	7.35
Knoxville_AP	90	62	78	2	0.87	5	48.61	17.55	28.23	10.49
Newcomb	85	58	75	2	1.14	5	41.69	6.63	26.27	5.08
Norris_4NE	87	58	74	-2	1.31	5	45.06	11.27	27.98	8.08
Tri-City_RGNL_A	87	59	75	2	1.50	3	41.88	15.30	25.68	9.47

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) measured in inches.

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